Filter Cartridges: Clarypleat PES

Polyethersulfone Membrane Filters

Gopani™

Clarypleat PES

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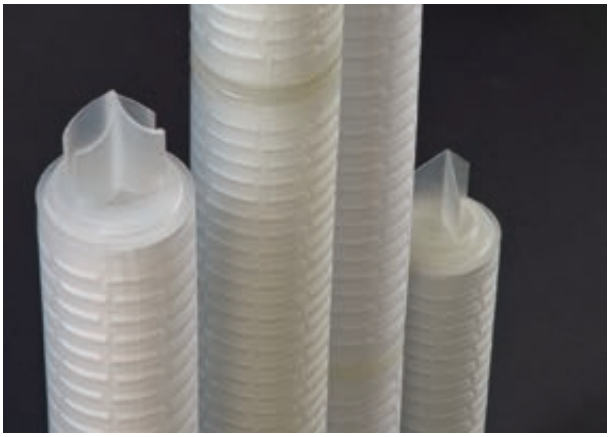
CLEARYPLEAT-PES Series Pleated Filter Cartridges are manufactured to Industrial standards and are used in the most demanding industrial environments. Manufactured in a range of length options and micron ratings these cartridges achieve high efficiency at rated microns.



The CLARYPLEAT-PES Pleated Filter Cartridge is constructed of high quality Polyether sulfone (PES) membrane media and nonwoven support materials. The materials of cage, core and end caps are polypropylene. Adaptors are thermally welded with media without using any glue or adhesives to prevent any possibility of pollution.

Features and Benefits

+ Excellent Performance with Great Chemical Compatibility.
+ Hydrophilic Membrane with High Flow.
+ Non-fiber Migrating Media suitable for Pharmaceutics and Food Industry norms.
+ Flushed With Ultrapure Water.
+ FDA Compliant Material.

Applications

+ Inks & Dyes
+ Fine Chemicals
+ High Purity Water
+ Plating Baths.

Specification

Materials:	Filter Media	PES (Polyethersulfone)
	Endcaps, Core*	Polypropylene
	"O"-ring / Gasket	Silicone, EPDM, NBR, Viton, Teflon, E-FKM
Retention rating:	0.05, 0.1, 0.22, 0.45, 0.65, 0.8, 1.2 µm	
Surface area:	Standard (OD 61 mm)	≥ 0.52 ft^2 per 10" cartridge length
	Jumbo (OD 110 mm)	≥ 0.94 ft^2 per 10" cartridge length
Maximum operating conditions:	Recommended change-out differential pressure	4.2 bar @ 25 °C 2.1 bar @ 25 °C Reverse
	Maximum operating temperature	80°C (Maximum)
Dimensions (nominal):	Length	9.75", 10" , 20" , 30" , 40"
	Standard OD/ID	61±0.5 / 27.5±0.5 mm
	Jumbo OD/ID	110±0.5 / 27.5±0.5 mm

Maximum Temperature Sterilization: 20times, 30minutes Cycles At 121°C.

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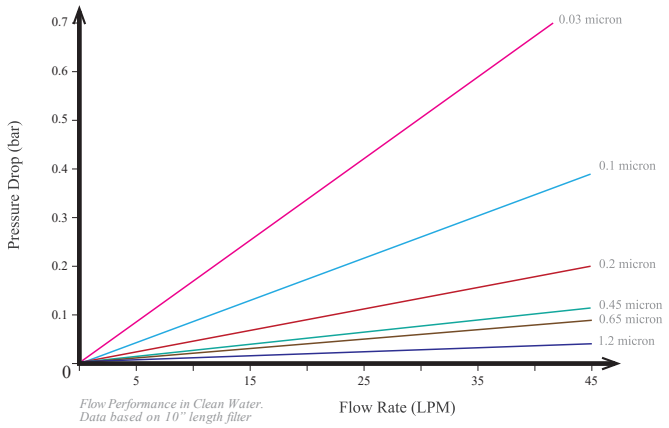
Quality & Performance

Gopani filter cartridges are designed and manufactured for resistance to a wide range of chemical solutions. Conditions will vary with each application and users should carefully verify chemical compatibility. Please contact your Gopani representative for more information.

Gopani filters are made from thermally bonded fibers of polypropylene. Gopani certifies that it uses no resin binders, lubricants, antistatic or release agents, in the manufacturing of these filter cartridges.

Unit conversion：1bar=100kPa=14.5psi
Flow rate is for a 254 mm（10inch）cartridge.
For liquids other than water, multiply differential pressure by fluid viscosity (cP).



Ordering Information

Clarypleat PES
Part Number Generation

CPPES _ _ _ _ _ _ _

Seal
B=NBR
E=EPDM
S=Silicone
V=Viton
T=Teflon
F=E-KFM

Core
S=Stainless Steel
PP=Polypropylene

Material
PP=
Polypropylene

End Fitting
0=None
(DOE w/o End Cap)
1=213/Flat
2=222/Flat/SS
3=222/Fin/SS
4=222/Flat
5=222/Fin
6=226/Fin
7=226/Fin/SS
8=226/Flat
9=226/Flat/SS

Diameter
S=61mm
J=110mm

Length
9.75=9.75″
10=10″
20=20″
30=30″
40=40″

Micron
A=0.05 µm
B=0.1 µm
C=0.22 µm
D=0.45 µm
E=0.65 µm
F=0.8 µm
G=1.2 µm

Clarypleat PES cartridges are readily available for your convenience. We also offer scheduled delivery service to fulfill your annual requirement of cartridges. Please contact your Gopani Executive for further information.

Disclaimer
The information contained within this catalog and the specifications mentioned tare intended to provide information about products available for purchase from the Gopani group of companies (“Gopani”). All reasonable efforts have been made to ensure the accuracy of the information. However, Gopani cannot be held responsible for any errors or unexpected un-fulfillment of product or performance. Gopani does not warrant the accuracy and reserves the right to make changes to the catalog and product specifications at any time without prior notice.

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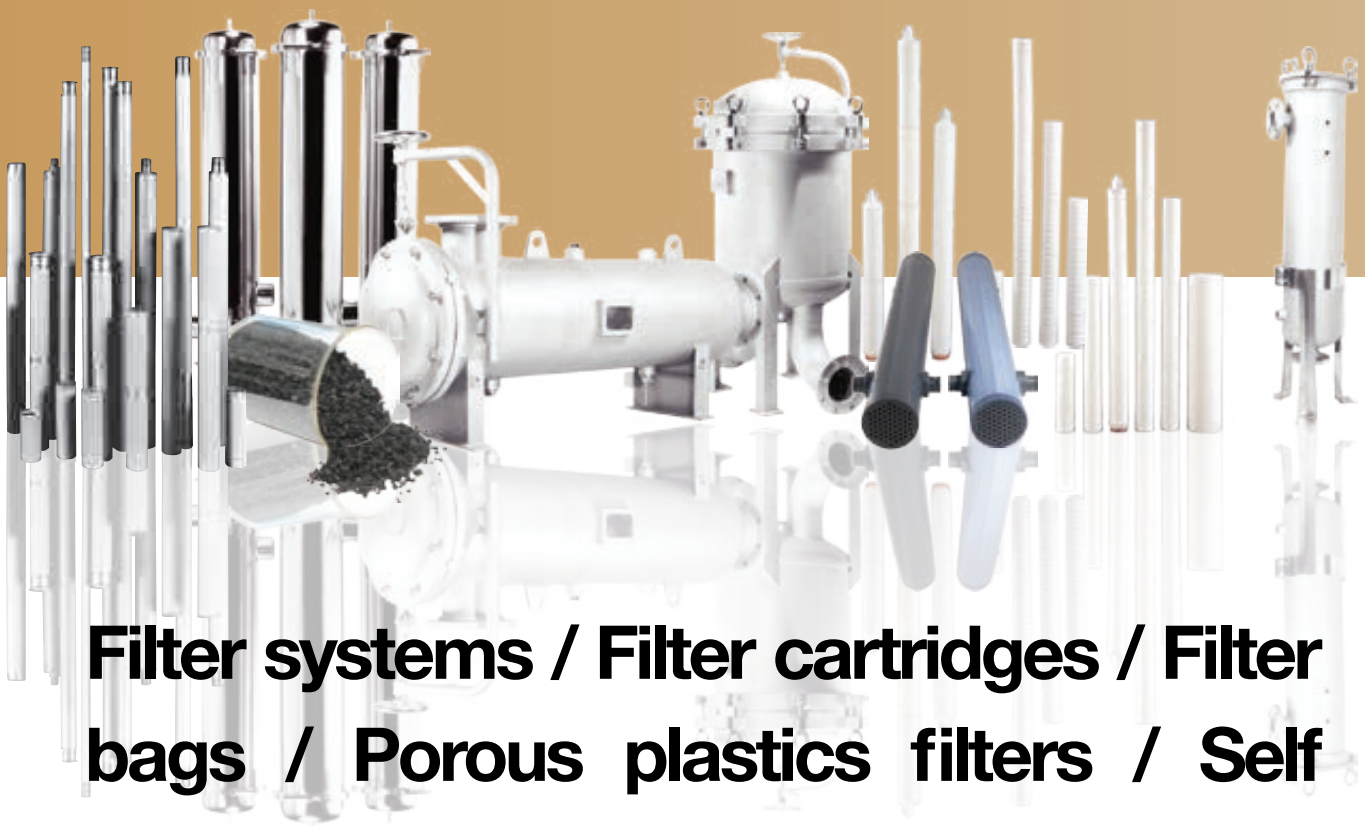
Think Filtration
Think Gopani™



Filter systems / Filter cartridges / Filter bags / Porous plastics filters / Self cleaning filters / Process Filtration Systems / Filter Aids / ETP, STP, ZLD Plants / Activated Carbon

About us

At Gopani, we are managed by technocrats having more than 2 decades of rich experience in designing and manufacturing of Cartridge filtration systems, Bag filtration systems, Sparkler Filters, Strainers etc. from various materials like Polypropylene, Stainless Steel, Mild Steel and special alloys to relevant standards and codes for pharmaceuticals, chemical plants, Refineries and other industries.

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Gopani Product Systems is engaged in the Filtration Industry since last 22 years and has gained rich experience in Filtration Industry with good establishment of market reputation amongst numerous Filtration Manufacturers / Traders coupled with finest quality of products and after-sale services. Gopani has a very varied and rich business experience and has developed a immense business contacts in marketing of various kinds of Filtration related products.

I'mpurity™

Highest Possible Customer Satisfaction

GPS

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For more information, write to us at info@gopani.com

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